

METHOD OF DETECTING DATA STRUCTURE OF NON-RETURN-TO-ZERO DATA IN AN OPTICAL STORAGE DEVICE

Abstract

A method of detecting a data structure of fourteen-bit data in an optical storage device includes connecting a first 8-bit register between an eight-to-fourteen modulator and a leading zero counter, storing 8 least significant bits of the data output from the eight-to-fourteen modulator into the first 8-bit register, and calculating the number of leading zeros with the leading zero counter.